

AMENDMENTS TO THE SPECIFICATION

Please amend the title as follows:

TWO-RESOLVER DEVIATION ANGLE DETECTOR HAVING SERIALLY CONNECTED OUTPUT WINDINGS

Please amend paragraph 0005 as follows:

The deviation angle detector 100 shown in FIG. 4 includes two resolvers (variable reluctance resolvers) VR1 and VR2. Resolver VR1 includes rotor 110, stator 111, and single excitation windings (not shown) and multiple output windings 112 and 113 that are coiled around stator 111. Resolver VR2 includes rotor 120, stator 121, and single excitation windings (not shown) and multiple output ~~windings 121~~windings 122 and 123 that are coiled around stator 121. The output signals Es1 and Es2 (sine signals) and Ec1 and Ec2 (cosine signals) from the output windings 112, 113 and 122, 123 from each of the resolvers VR1 and VR2 are input to each of the R/D converters (resolver digital converters) 114 and 124 and digitized. Then, the digitized signals are input to the controller 140 and calculated. Thus, the deviation angle $\Delta\theta$ is calculated as the difference of the rotation angles θ_1 and θ_2 of the rotors 110 and 120 of each of the resolvers VR1 and VR2.

Please amend paragraph 0022 as follows:

The resolver VR1 includes a rotor 10, stator 11, and a single excitation winding (not shown) and multiple output windings 12 and 13 that are coiled around the stator 11. Here, the output winding includes two types of coiled windings 12 and 13, thereby shifting the phase by

90°. ~~Each of the~~ The windings output the sine element and the cosine element of the rotation angle θ_1 of the rotor 10, respectively.

Please amend paragraph 0023 as follows:

Similarly, the resolver VR2 includes a rotor 20, stator 21, and a single excitation winding (not shown) and multiple output windings 22 and 23 that are coiled around the stator 21. Here, the output winding includes two types of coiled windings 22 and 23, thereby shifting the phase by 90°. ~~Each of the~~ The windings output the sine element and the cosine element of the rotation angle θ_1 of the rotor 20, respectively.